

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008770.D
 Acq On : 21 Feb 2019 15:21
 Operator : SY/VA
 Sample : VW0221SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBL01

Quant Time: Feb 22 00:58:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	391278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	583644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	512021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	241796	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	200619	54.67	ug/l	0.00
Spiked Amount			Recovery	=	109.34%	
35) Dibromofluoromethane	7.88	113	169862	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
50) Toluene-d8	10.32	98	696490	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.62	95	235117	44.39	ug/l	0.00
Spiked Amount			Recovery	=	88.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	1217	0.311	ug/l	76
3) Chloromethane	2.23	50	521	0.109	ug/l	93
4) Vinyl Chloride	2.37	62	151	0.030	ug/l #	84
5) Bromomethane	2.76	94	396	0.106	ug/l #	61
6) Chloroethane	2.90	64	127	0.035	ug/l #	43
7) Trichlorofluoromethane	3.26	101	190	0.030	ug/l #	65
8) Diethyl Ether	3.68	74	182	0.090	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	4.13	101	46	0.012	ug/l #	1
10) Methyl Iodide	4.28	142	638	0.132	ug/l #	91
12) 1,1-Dichloroethene	4.08	96	73	0.021	ug/l #	1
14) Allyl chloride	4.70	41	363	0.061	ug/l #	6
15) Acrylonitrile	5.37	53	337	0.388	ug/l #	55
17) Carbon Disulfide	4.36	76	297	0.026	ug/l #	73
18) Methyl Acetate	4.68	43	478	0.237	ug/l #	51
19) Methyl tert-butyl Ether	5.42	73	308	0.033	ug/l #	1
21) trans-1,2-Dichloroethene	5.43	96	227	0.057	ug/l #	13
22) Diisopropyl ether	6.30	45	62	0.005	ug/l #	35
23) Vinyl Acetate	6.24	43	213	0.029	ug/l #	1
24) 1,1-Dichloroethane	6.21	63	54	0.008	ug/l #	82
25) 2-Butanone	7.13	43	347	0.292	ug/l #	82
26) 2,2-Dichloropropane	7.13	77	917	0.148	ug/l #	60
27) cis-1,2-Dichloroethene	7.16	96	157	0.037	ug/l #	1
28) Bromochloromethane	7.50	49	44	0.015	ug/l #	13
29) Tetrahydrofuran	7.54	42	206	0.272	ug/l #	33
30) Chloroform	7.68	83	222	0.032	ug/l #	47
32) 1,1,1-Trichloroethane	7.85	97	51	0.008	ug/l #	24
37) Ethyl Acetate	7.24	43	175	0.066	ug/l #	24
39) Methylcyclohexane	9.33	83	345	0.049	ug/l #	90
40) Benzene	8.33	78	868	0.056	ug/l	91
41) Methacrylonitrile	7.47	41	439	0.283	ug/l #	46
42) 1,2-Dichloroethane	8.41	62	739	0.150	ug/l #	74
43) Isopropyl Acetate	8.43	43	202	0.038	ug/l #	52
44) Trichloroethene	9.09	130	132	0.030	ug/l	79
45) 1,2-Dichloropropane	9.38	63	71	0.019	ug/l #	52

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.45	93	149	0.070	ug/l #	10
47) Bromodichloromethane	9.64	83	125	0.024	ug/l #	24
48) Methyl methacrylate	9.43	41	183	0.072	ug/l #	53
49) 1,4-Dioxane	9.41	88	20	0.586	ug/l #	25
51) 4-Methyl-2-Pentanone	10.21	43	2172	0.811	ug/l	96
52) Toluene	10.38	92	602	0.057	ug/l #	24
53) t-1,3-Dichloropropene	10.61	75	293	0.055	ug/l #	42
54) cis-1,3-Dichloropropene	10.05	75	210	0.035	ug/l #	67
55) 1,1,2-Trichloroethane	10.80	97	280	0.097	ug/l #	31
56) Ethyl methacrylate	10.69	69	232	0.062	ug/l #	1
57) 1,3-Dichloropropane	10.92	76	215	0.042	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.93	63	45	0.024	ug/l #	45
59) 2-Hexanone	11.06	43	258	0.135	ug/l	67
60) Dibromochloromethane	11.12	129	46	0.013	ug/l #	1
61) 1,2-Dibromoethane	11.21	107	174	0.061	ug/l #	58
64) Tetrachloroethene	10.86	164	243	0.066	ug/l #	54
65) Chlorobenzene	11.65	112	1019	0.095	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.73	131	58	0.016	ug/l #	1
67) Ethyl Benzene	11.73	91	1327	0.069	ug/l #	79
68) m/p-Xylenes	11.85	106	977	0.127	ug/l	97
69) o-Xylene	12.17	106	489	0.068	ug/l	76
70) Styrene	12.17	104	980	0.084	ug/l #	90
71) Bromoform	12.35	173	67	0.034	ug/l #	29
73) Isopropylbenzene	12.47	105	1030	0.062	ug/l	93
74) N-amyl acetate	12.28	43	413	0.099	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	289	0.107	ug/l #	36
77) Bromobenzene	12.76	156	628	0.160	ug/l	59
78) n-propylbenzene	12.81	91	1671	0.082	ug/l	91
79) 2-Chlorotoluene	12.89	91	1204	0.105	ug/l	78
80) 1,3,5-Trimethylbenzene	12.94	105	1081	0.075	ug/l	87
82) 4-Chlorotoluene	12.99	91	1827	0.151	ug/l	95
83) tert-Butylbenzene	13.21	119	945	0.076	ug/l	84
84) 1,2,4-Trimethylbenzene	13.25	105	1937	0.130	ug/l	92
85) sec-Butylbenzene	13.38	105	1463	0.082	ug/l	81
86) p-Isopropyltoluene	13.51	119	1436	0.087	ug/l	92
87) 1,3-Dichlorobenzene	13.51	146	1840	0.226	ug/l	96
88) 1,4-Dichlorobenzene	13.51	146	1840	0.230	ug/l	96
89) n-Butylbenzene	13.82	91	2180	0.142	ug/l	94
90) Hexachloroethane	13.90	117	55	0.020	ug/l	60
91) 1,2-Dichlorobenzene	13.88	146	1746	0.241	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	226	0.461	ug/l	80
93) 1,2,4-Trichlorobenzene	15.15	180	2462	0.472	ug/l	94
94) Hexachlorobutadiene	15.24	225	902	0.293	ug/l	82
95) Naphthalene	15.38	128	4807	0.541	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	2462	0.546	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

